

# SREERAG CHANDRAN

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Motivated AI researcher with a Master's degree in Artificial Intelligence and Machine Learning, seeking to contribute to cutting-edge research in responsible AI, machine learning theory, and model interpretability. Proficient in Python programming, machine learning, and optimization, with a keen interest in robustness, fairness, and interpretable AI. Excited to collaborate on advancing the trustworthiness, safety, and application of machine learning in high-stakes decision-making environments as a visiting researcher or intern.

## SKILLS

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**Interests:** Machine Learning, Deep Learning, Natural Language Processing, Large Language Models

**Languages:** Python, R, C, SQL, Git

**Technologies:** Docker, Google Cloud, Data Engineering

**Libraries:** Transformers, Pandas, Scikit-learn, Jupyter, Keras, Networkx, Tensorflow, Pytorch,

## EDUCATION

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**Birla Institute of Technology, Pilani** Mar 2025  
Master of Technology: Artificial Intelligence & Machine Learning  
GPA: 3.4 /4

**APJ Abdul Kalam Technological University** Oct 2020  
Government Engineering College Thrissur  
Bachelor of Technology (Honors): Electrical & Electronics Engineering  
GPA: 3.26 /4

## WORK EXPERIENCE

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**Tata Consultancy Services, Kochi, India** Feb 2021 – Present  
**GCP Data Engineer**

- Developed and managed large-scale data pipelines using Apache Airflow and PySpark on Google Cloud Platform (GCP) to support business-critical data flows, improving data processing times by 35%.
- Leveraged Cloud Run and Pub/Sub to build real-time data streaming solutions for big data analytics, integrating data from multiple sources and enhancing the scalability of the system.
- Developed machine learning models using Python and integrated them with BigQuery for predictive analytics, enabling proactive decision-making and improving forecast accuracy by 25%.

## CERTIFICATIONS

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- Google Professional Data Engineer ([www.credly.com/badges/9b9b6921-6435-440b-b0ec-bfae3e2fcb1](https://www.credly.com/badges/9b9b6921-6435-440b-b0ec-bfae3e2fcb1))
- DeepLearning.AI TensorFlow Developer ([coursera.org/verify/professional-cert/D2YB9HBNDT5G](https://coursera.org/verify/professional-cert/D2YB9HBNDT5G))
- Reinforcement Learning ([coursera.org/verify/specialization/MQBC9FLZ3K39](https://coursera.org/verify/specialization/MQBC9FLZ3K39))
- Deep Learning ([coursera.org/account/accomplishments/specialization/UV4RKJLVR8HC](https://coursera.org/account/accomplishments/specialization/UV4RKJLVR8HC))